

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Curtis et al.

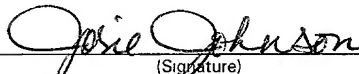
Title: USE OF MULTIPLE OPTICAL  
VORTICES FOR PUMPING,  
MIXING AND SORTING

Appl. No.:

Filing Date:

Examiner:

Art Unit:

CERTIFICATE OF EXPRESS MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office To Addressee" service under 37 C.F.R. § 1.10 on the date indicated below and is addressed to: Commissioner for Patents, Washington, D.C. 20231.	
EL246278445US (Express Mail Label Number)	January 16, 2002 (Date of Deposit)
Jorie Johnson (Printed Name)	
 (Signature)	

UTILITY PATENT APPLICATION  
TRANSMITTAL

Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

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☒ Applicant claims small entity status under 37 CFR 1.27.

Enclosed are:

- ☒ Specification, Claim(s), and Abstract (25 pages).
- ☒ Informal drawings (10 sheets, Figures 1-10).
- ☒ Unexecuted Declaration and Power of Attorney (4 pages).
- ☐ Assignment of the invention to UC TECH.

- ☐ Assignment Recordation Cover Sheet.
- ☐ Small Entity statement.
- ☐ Request for application not to be published with certification under 35 USC 122(b)(2)(B)(i).
- ☐ Information Disclosure Statement.
- ☐ Form PTO-1449 with copies of \_\_\_ listed reference(s).
- ☐ Application Data Sheet (37 CFR 1.76).

The filing fee is calculated below:

	Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fee Totals
Basic Fee				\$740.00	\$740.00
Total Claims:	24	- 20	= 4	x \$18.00	= \$72.00
Independents:	4	- 3	= 1	x \$84.00	= \$84.00
If any Multiple Dependent Claim(s) present:				+ \$280.00	= \$0.00
Surcharge under 37 CFR 1.16(e) for late filing of Executed Declaration				+ \$130.00	= \$130.00
				SUBTOTAL:	= \$1026.00
<input checked="" type="checkbox"/> Small Entity Fees Apply (subtract 1/2 of above):					= \$513.00
				TOTAL FILING FEE:	= \$513.00

- ☒ A check in the amount of <sup>406.00</sup>~~\$370.00~~ to cover the filing fee is enclosed; the remaining portion will be submitted with the Response to Missing Parts.
- ☐ The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 06-1450. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1450.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date January 16, 2002

By Marshall J. Brown

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PATENT TRADEMARK OFFICE

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